

<b>Aeronautics Educator Guide</b>			
<b>2009 Science Revised June 2010</b>			
<b>Learning Standards</b>			
<b>Washington Science Revised June 2010</b>			
<b>Grades 2-3</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Air Engines (12-16)	WA	SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.
Air Engines (12-16)	WA	SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.
Dunked Napkin ( 17-22)	WA	SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.
Paper Bag Mask (23-28)	WA	SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.
Wind in Your Socks) (29-35)	WA	SCI.2-3.2.2-3 INQB.1	Work with other students to make and follow a plan to carry out a scientific investigation. Actions may include accurately observing and describing objects, events, and organisms; measuring and recording data; and predicting outcomes.
Wind in Your Socks) (29-35)	WA	SCI.2-3.4.2-3 PS1D.1	Measure and compare the distances moved by an object (e.g., a toy car) when given a small push and when given a big push.
Wind in Your Socks) (29-35)	WA	SCI.2-3.4.2-3 ES2C.1	Measure and record changes in weather (e.g., inches of rain using a rain gauge, depth of snow using a ruler, and temperature using a thermometer).
<b>Aeronautics Educator Guide</b>			
<b>2009 Science Revised June 2010</b>			
<b>Learning Standards</b>			
<b>Washington Science Revised June 2010</b>			
<b>Grades 4-5</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Dunked Napkin ( 17-22)	WA	SCI.4-5.2.4-5 INQA.1	Identify the questions being asked in an investigation. Gather scientific evidence that helps to answer a question.
Dunked Napkin ( 17-22)	WA	SCI.4-5.2.4-5 INQB.1	Given a research question, plan an appropriate investigation, which may include systematic observations, field studies, models, open-ended explorations, or controlled experiments.

Dunked Napkin ( 17-22)	WA	SCI.4-5.2.4-5 INQB.2	Work collaboratively with other students to carry out a controlled experiment, selecting appropriate tools and demonstrating safe and careful use of equipment.
Dunked Napkin ( 17-22)	WA	SCI.4-5.2.4-5 INQG.1	Generate a conclusion from a scientific investigation and show how the conclusion is supported by evidence and other scientific principles.
Dunked Napkin ( 17-22)	WA	SCI.4-5.2.4-5 INQH.2	Communicate to peers the purpose, procedure, results, and conclusions of an investigation.
Wind in Your Socks) (29-35)	WA	SCI.4-5.4.4-5 PS1B.1	Measure the distance that an object travels in a given interval of time and compare it with the distance that another object moved in the same interval of time to determine which is fastest.